



Amendments to the Specification

Change page 1, lines 2-3, as follows:

~~SHEET SIZE DETECTION METHOD~~, SHEET FEEDING APPARATUS AND IMAGE FORMING APPARATUS

Change paragraph 0010, as follows:

[0010] In order to attain the objects described above, according to the present invention, a sheet supply tray is provided with an auxiliary tray movable between a sheet support position for supporting a portion of sheets stacked on a sheet supply tray and a storage position stored in the sheet supply tray. The sheet supply tray is also provided with tray position detection means for detecting a position of the auxiliary tray and sheet detection means disposed on the auxiliary tray, so that a length of the sheets on the sheet supply tray in a sheet supply direction is determined.

Change paragraph 0020, as follows:

[0020] The discharge portion 4 comprises a pair of discharge guides 52 that guide the sheet to be discharged, a pair of discharge rollers 53 that transports the sheets to the discharge tray, discharge sensor S3 that detects the edge of the original to be discharged, turn-over sensor S4 that detects that the sheet is turned over, turn-over roller 55 that turns the sheet over, discharge flapper 54 that controls the discharge path 24 for the sheets, turn-over flapper 57 ~~the~~ that controls the turn-over of the sheets, and pinch rollers 56a and 56b that press the sheets against the turn over roller.

Change paragraph 0040, as follows:

[0040] The first position detecting sensor ~~S22~~ 22 is arranged at a position for detecting that the auxiliary tray 11 is pulled out,

specifically that the auxiliary tray 11 is moved to a position to stack the long size sheets. The second position detecting sensor 23 is arranged at a position for detecting that the auxiliary tray 11 is stored, specifically that the auxiliary tray 11 is moved to a position to stack the short size sheets. With this configuration, the protruding portion 11a formed on the auxiliary tray 11 interrupts the light path from the light emitting element to the light receiving element of the first position detection sensor 22 at the position where the auxiliary tray 11 is pulled out. The protruding portion 11a also interrupts the light path from the light emitting element to the light receiving element of the second position detection sensor 23 at the position where the auxiliary tray 11 is stored.